United States Patent Application

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: CTLA4 MOLECULES AND IL4-BINDING MOLECULES AND USES THEREOF

The specification of which

- a. is attached hereto
- b. X was filed on April 15, 1994 as application serial no. 08/228,208 and was amended on (if applicable) (in the case of a PCT-filed application) described and claimed in international no. _ filed _ and as amended on _ (if any), which I have reviewed and for which I solicit a United States patent.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56 (see page 3 attached hereto).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

- a. \underline{x} no such applications have been filed.
- b. such applications have been filed as follows:

	REIGN APPLICATION(S), IF ANY,		DATE OF ISSUE
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	(day, month, year)
			(2) ACATTONIC
ALL FO	REIGN APPLICATION(S), IF ANY,	FILED BEFORE THE PRICE	ORITY APPLICATION(S)
	REIGN APPLICATION(S), IF ANY, APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)
ALL FO		DATE OF FILING	DATE OF ISSUE

I hereby claim the benefit under Title 35, United States Code, § 120/365 of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. APPLICATION NUMBER	DATE OF FILING (day, month, year)	STATUS (patented, pending, abandoned)
08/008.898	January 22, 1993	Pending

Reg. No. P-39, 536

Farber, Michael B.

Fauver, Cole M.

Reg. No. 32,612

Reg. No. 36,797

Pollinger, Steven J.Reg. No. 35,326 Gabilan, Mary Susan Reg. No. 38,729 Reg. No. 34,470 Reg. No. 37,703 Adriano, Sarah B. Reich, John C. Gates, George H. Reg. No. 33,500 Reg. No. 32,960 Reg. No. 25,767 Batzli, Brian H. Reiland, Earl D. Reg. No. 26,896 Golla, Charles E. Reg. No. 27,612 Reg. No. 20,566 Beard, John L. Schmidt, Cecil C. Reg. No. 38,472 Reg. No. 28,184 Gorman, Alan G. Beck, Robert C. Schuman, Mark D. Reg. No. 31,197 Reg. No. 18,223 Gould, John D. Reg. No. 37,089 Schumann, Michael D.Reg. No. 30,422 Bejin, Thomas E. Reg. No. 33,112 Gresens, John J. Reg. No. 29,249 Berman, Charles Reg. No. 33,280 Sebald, Gregory A. Reg. No. 29,165 Hamre, Curtis B. Reg. No. 17,426 Bogucki, Raymond A. Reg. No. 34,051 Sharp, Janice A. Reg. No. 36,159 Hassing, Thomas A. Reg. No. 34,130 Reg. No. 35,684 Bruess, Steven C. Smith, Jerome R. Hillson, Randall A. Reg. No. 31,838 Reg. No. 32,404 Sorensen, Andrew D. Reg. No. 33,606 Byrne, Linda M. Hollingsworth, Mark A.Reg No. 38,491 Reg. No. 25,959 Reg. No. 38,323 Carlson, Alan G. Stinebruner, Scott A. Kastelic, Joseph M. Reg. No. 37,160 Reg. No. 35,093 Carter, Charles G. Strawbridge, Douglas A. Reg. No. 28,376 Kettelberger, DeniseReg. No. 33,924 Reg. No. 33,227 Strodthoff, Kristine M. Reg. No. 34,259 Caspers, Philip P. Kowalchyk, Alan W. Reg. No. 31,535 Reg. No. 30,247 Clifford, John A. Reg. No. 29,114 Sumner, John P. Kowalchyk, Katherine Meg. No. 36,848 Reg. No. 30,164 Reg. No. 24,216 Conrad, Timothy R. Sumners, John S. Reg. No. 34,205 Krull, Mark A. Reg. No. 32,122 Crawford, Robert Tellekson, David K. Reg. No. 32,314 Reg.No.P-38,946 Lacy, Paul A. Daignault, Ronald A. Reg. No. 25,968 Reg. No. 27,403 Underhill, Albert L. Reg. No. 29,555 Lasky, Michael B. Reg. No. 32,179 Daley, Dennis R. Reg. No. 34,994 Reg. No. 36,204 Vandenburgh, J. Derek Lynch, David W. Reg. No. 36,414 Reg. No. 36,709 Daulton, Julie R. Vietzke, Lance L. Reg. No. 30,087 Mau, Michael L. Reg. No. 34,321 Dempster, Shawn B. Reg. No. 20,890 Welter, Paul A. McDonald, Daniel W. Reg. No. 32,044 Reg. No. 28,707 Reg. No. 27,054 DiPietro, Mark J. Williams, Douglas J. McDonald, Wendy M. Reg. No. 32,427 Reg. No. 20,187 Reg. No. 28,133 Edell, Robert T. Wood, Gregory B. Reg. No. 30,300 Mueller, Douglas P.

and/or patent agent(s) to prosecute this apple

communicate directly with the and instructions from rely on and authorize them to act person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Merchant & Gould to the contrary.

Reg. No. 28,650

Reg. No. 37, 209

Xu, Min S.

Please direct all correspondence in this case to Merchant, Gould, Smith, Edell, Welter & Schmidt at the address indicated below:

Nelson, Albin J.

Plunkett, Theodore

11150 Santa Monica Boulevard, Suite 400 Los Angeles, California 90025-3395 Telephone No. (310) 445-1140

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1	Full Name	Family Name	First Given Name	Second Given Name
	Of Inventor	Linsley	Peter	S.
	Residence	City	State or Foreign Country	Country of Citizenship
	& Citizenship	Seattle	Washington	USA
	Post Office	Post Office Address	City	State & Zip Code/Country
	Address	2430 9th Avenue West	Seattle	Washington 98119/USA
2	Full Name Of Inventor	Family Name Ledbetter	First Given Name Jeffrey	Second Given Name A.
)				
2	Residence & Citizenship	City Seattle	State or Foreign Country Washington	Country of Citizenship USA
	Post Office	Post Office Address	City	State & Zip Code/Country
	Address	306 N.W. 113th Place	Seattle	Washington 98117/USA

_	Full Name	Family Name	First Given Name	Second Given Name
	Of Inventor	Bajorath	Jurgen	
			·	
			State on Foreign Country	Country of Citizenship
	Residence & Citizenship	City Lynnwood	State or Foreign Country Washington	Germany
	Post Office Address	Post Office Address 17406 37th Ave. W.	City Lynnwood	State & Zip Code/Country Washington 98037/USA
	Full Name Of Inventor	Family Name Peach	First Given Name Robert	Second Given Name
	Residence	City	State or Foreign Country Washington	Country of Citizenship New Zealand
)	& Citizenship Post Office	Edmonds Post Office Address	City	State & Zip Code/Country
l	Address	14021 65th Pl. W.	Edmonds	Washington 98026/USA
!	Full Name Of Inventor	Family Name Brady	First Given Name William	Second Given Name
)				
5				Country of Citizenship
	Residence & Citizenship	City Edmonds	State or Foreign Country Washington	USA
	Post Office Address	Post Office Address 618 219th Place S.W.	City Bothell	State & Zip Code/Country Washington 98021/USA

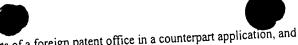
Signature of Inventor 201	Signature of Inventor 202	Signature of Inventor 203
Date Sept 3 1497	Date	Date Sq. Fonle 2, 1997
Signature of Inventor 204	Signature of Inventor P05	Signature of Inventor 206
Dațe	Date 8/20/97	Date

For Additional Inventors

§ 1.56 Duty to disclose information material to patentability.

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

Indicate here and attach sheet with same information, including date and signature.



- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - Opposing an argument of unpatentability relied on by the Office, or
 - Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
- (1) Each inventor named in the application:
- (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

H. H. H. ku k ä ļ.,, j. The state



MERCHANT, GOULD, SMITH, EDELL, WELTER & SCHMIDT

United States Patent Application

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

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 	(day, month, year)	
(S), IF ANY,	FILED BEFORE THE PRICE	DRITY APPLICATION(S)
	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)
	I(S), IF ANY, IN NUMBER	I(S), IF ANY, FILED BEFORE THE PRICE ON NUMBER DATE OF FILING (day, month, year)

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U.S. APPLICATION NUMBER	DATE OF FILING (day, month, year)	STATUS (patented, pending, abandoned)
08/008,898	January 22, 1993	Pending



I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Adriano, Sarah B. Batzli, Brian H. Beard, John L. Beck, Robert C. Bejin, Thomas E. Bejin, Thomas E. Beguns, Charles Bogucki, Raymond A. Brusss, Steven C. Byrne, Linda M. Carlson, Alan G. Caspers, Philip P. Clifford, John A. Conrad, Timothy R. Crawford, Robert Daignault, Ronald A. Dempster, Shawn B. Dempster, Shawn B. Dipietro, Mark J. Edell, Robert T. Farber, Michael B. Fag. No. 34,470 Reg. No. 29,249 Reg. No. 29,249 Reg. No. 37,089 Reg. No. 34,130 Reg. No. 32,404 Reg. No. 32,404 Reg. No. 32,404 Reg. No. 35,959 Carter, Charles G. Reg. No. 33,227 Clifford, John A. Reg. No. 30,247 Reg. No. 30,164 Reg. No. 30,164 Reg. No. 32,122 Daignault, Ronald A. Reg. No. 34,994 Reg. No. 36,414 Reg. No. 36,797 Reg. No. 28,701 Reg. No. 28,701 Reg. No. 20,187 Reg. No. 32,612 Reg. No. 32,612 Reg. No. 36,797	Gabilan, Mary Susan Reg. No. 38,729 Gates, George H. Reg. No. 33,500 Golla, Charles E. Reg. No. 26,896 Gorman, Alan G. Reg. No. 38,472 Gould, John D. Reg. No. 38,472 Hamre, Curtis B. Reg. No. 33,112 Hamre, Curtis B. Reg. No. 36,159 Hillson, Randall A. Reg. No. 31,838 Hollingsworth, Hark A. Reg. No. 37,160 Kattelberger, Deniee Reg. No. 37,160 Kattelberger, Deniee Reg. No. 37,160 Kowalchyk, Alan W. Reg. No. 37,160 Krull, Hark A. Reg. No. 36,848 Krull, Hark A. Reg. No. 36,204 Lasky, Michael B. Reg. No. 29,555 Lynch, David M. Reg. No. 32,044 McDonald, Daniel W. Reg. No. 32,044 McDonald, Mendy M. Reg. No. 32,044 Mueller, Douglas P. Reg. No. 28,650 Nelson, Albin J. Reg. No. 28,650 Reg. No. 28,650 Reg. No. 37,209	Welter, Paul A. Reg. No. 20,890 Williams, Douglas J. Reg. No. 27,054 Wood, Gregory B. Reg. No. 28,133 Xu, Min S. Reg. No. P-39,536
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I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Merchant & Gould to the contrary.

Please direct all correspondence in this case to Merchant, Gould, Smith, Edell, Welter & Schmidt at the address indicated below:

11150 Santa Monica Boulevard, Suite 400 Los Angeles, California 90025-3395 Telephone No. (310) 445-1140

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name	Family Name	First Given Name	Second Given Name S.
Of Inventor	Linsley	Peter	
Residence	City	State or Foreign Country Washington	Country of Citizenship
& Citizenship	Scattle		USA
Post Office	Poet Office Address 2430 9th Avenue West	City -	State & Zip Code/Country
Address		Scettle	Washington 98119/USA
Full Name Of Inventor	Family Name Ledbetter	First Giveo Name Jeffrey	Second Given Name A.
Residence	City	State or Foreign Country	Country of Citizenship
& Citizenship	Seartie	Washington	USA
Post Office	Post Office Address 306 N.W. 113th Place	City Scattle	State & Zip Code/Country Washington 98117/USA

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 Full Name Of Inventor	Family Name Bajorath	First Given Name Jurgen	Second Given Name
Residence & Citizenship	City Lymrwood	State or Foreign Country Weshington	Country of Citizenship Germany
Post Office Address	Post Office Address 17406 37th Ave. W.	City Lynnwood	State & Zip Code/Country Washington 98037/USA
Full Name Of Inventor	Family Name Peach	First Given Name Robert	Second Gives Name
Residence	City Edmonds	State or Foreign Country Washington	Country of Citizenship New Zealand
Post Office Address	Post Office Address 14021 65th Pl. W.	City Edmonds	State & Zip Code/Country Washington 98026/USA
Full Name Of Inventor	Family Name Brady	First Given Name William	Second Given Name
			Country of Citizenship
Residence & Citizenship	City Edmonds	State or Foreign Country Washington	USA
Post Office Address	Post Office Address 618 219th Place S.W.	City Bothell	State & Zip Code/Country Washington 98021/USA

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" Spot 3 100 3	Date	Date Cyfala 1, 1997
ignature of Inventor 204	Signature of inventor 105	Signature of Inventor 206
Date March 24 1998	Date 8ho kg	Date

For Additional Inventors

§ 1.56 Duty to disclose information material to patentability.

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 - Each inventor named in the application: (1)
 - Each attorney or agent who prepares or prosecutes the application; and
- Every other person who is substantively involved in the preparation or prosecution of the application and who (2) is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
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COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: CTLA4 MOLECULES AND IL4-BINDING MOLECULES AND USES THEREOF

b. X was filed on April 15, 1994 as application serial no. 08/228,208 and was amended on _ (if applicable) (in the case of a PCT-filed The specification of which application) described and claimed in international no. _ filed _ and as amended on _ (if any), which I have reviewed and for which I solicit

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- a. X no such applications have been filed.

	foreign Application(s), if	DATE OF FILING	DATE OF ISSUE (day, month, year)
NTRY	APPLICATION NUMBER	(day, month, year)	
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: :: ::	ALL FOREIGN APPLICATIONS, IF	NV FUED BEFORE THE PRICE	ORITY APPLICATION(S)
100 E	ALL FOREIGN APPLICATIONS, IF	DATE OF FILING	DATE OF ISSUE (day, month, year)
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Title 37, Code of Federal Regulations, international filing date of this application.	STATUS (patented, pending, abandoned)
international filing date of this off	STATUS (patented, pending)
U.S. APPLICATION NUMBER DATE OF FILING (day, month, year)	Pending
08/008,898 January 22, 1993	1

pplication and to transact all business I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute to in the Patent and Trademark Office connected herewith:

Patent and Tradem	ark Office 00=			Reiland, Earl D.	Reg. No. 25,767 Reg. No. 20,566
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I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby person, assigned, attorney, man, organization, which this sends, some this case to them and by whom, which i nereby declare that I have consented after full disclosure to be represented unless/until I instruct Merchant, Gould to the contrary.

Please direct all correspondence in this case to Merchant, Gould, Smith, Edell, Welter & Schmidt at the address indicated

Suite 400, 11150 Santa Monica Boulevard, Los Angeles, CA 90025-3395 Telephone No. (310)445-1140

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the Statements and the like so made are punishable by time of imprisonment, of both, under section foot of fine 15 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued

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